

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZAR INTERIOR SEMI-GLOSS
PRODUCT CODE: 20

HMS CODES: H F R P
1 2 0

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: UNITED GILSONITE LABORATORIES
ADDRESS: 1936 JEFFERSON AVENUE
SCRANTON, PA 18509

EMERGENCY PHONE: (800) 424-9300
INFORMATION PHONE: (570) 344-1202
NAME OF PREPARER: R. BARAKO

DATE REVISED: APRIL 2000
SUPERSEDES: 01-25-95

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	ACGIH TLV	OTHER	VAPOR PRESSURE mmHg @ TEMP	WEIGHT PERCENT
OIL MODIFIED POLYURETHANE	NOTE TAB	NOTE TAB	NOTE TAB	NONE	N/A	44
STODDARD SOLVENT	8062-41-3	100PPM	100PPM	100PPM	3.0	64F
KEROSENE	8008-20-6	500PPM	100PPM	NONE	1.0	70F
HYDRATED AMORPHOUS SILICA	7631-86-9	6MG/CM	10MG/CM	5MG/CM-TWA	N/A	<5.0

*** No toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 305-350 F
VAPOR DENSITY: HEAVIER THAN AIR
COATING V.D.C.: 4.10 LB/GL (491 G/L)

SPECIFIC GRAVITY (H₂O=1): 0.9
EVAPORATION RATE: SLOWER THAN ETHER

SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Light amber liquid with aromatic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 104 F
METHOD USED: SETACC
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 0.7% UPPER: 7.0%
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flame. Closed containers may explode when exposed to extreme heat.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID

Heat, sparks, open flames, high temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Fumes, smoke, carbon dioxide, carbon monoxide, aldehydes and other decomposition products, in case of incomplete combustion.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive exposure to vapors or spray mists can result in headache, dizziness, incoordination, nausea and loss of consciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

This material may be an eye irritant.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

This material may cause defatting and irritation of skin. Prolonged or repeated contact may cause dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May produce signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, possibly slurred speech, and stupor, depending on the quantity of material ingested.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and central nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

None of the components used in this product are listed by IARC, NTP or OSHA as a carcinogen.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Kidney diseases, respiratory illnesses, skin allergies.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical attention.

SKIN: Wash affected areas with soap and water. Remove contaminated clothing. Consult physician if irritation persists.

INGESTION: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center immediately.

Treat symptomatically.

INHALATION: Remove to fresh air, restore breathing. Treat symptomatically. Consult physician

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove any sources of ignition. Provide adequate ventilation and/or self-contained breathing apparatus. Dike spill, apply absorbent material.

WASTE DISPOSAL METHOD

Use non-sparking tools, scrape up and store in closed metal container. Avoid breathing vapors. Dispose of in approved sites according to local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid breathing sanding dust. Avoid storing at temperatures greater than 90 degrees (F) or near heat, sparks, electrical equipment or open flames.

OTHER PRECAUTIONS

Avoid prolonged breathing of vapors or contact with skin. Prevent prolonged or repeated breathing of vapor or spray mist. To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use, in a water filled, closed metal container.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

Wear NIOSH-approved respirator with organic vapor and solid particle filter cartridges.

VENTILATION

Use adequate ventilation in volume and pattern to maintain level below that listed in SECTION II.

PROTECTIVE GLOVES

Use neoprene rubber gloves to prevent skin contact.

EYE PROTECTION

Use safety eyewear with splash guards or side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Remove and wash contaminated clothing before reuse.

WORK/HYGIENIC PRACTICES

Wash hands before eating, smoking, or using washroom.

SECTION IX - DISCLAIMER

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